



PATENT
8017-1141

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Hiroshi KANETA et al.

Conf. 7384

Application No. 10/505,417

Group 1745

Filed August 24, 2004

Examiner unknown

SECONDARY BATTERY HAVING THIRD
TERMINAL IN ADDITION TO POSITIVE
AND NEGATIVE ELECTRODE TERMINALS
AND STORAGE BATTERY USING THE SAME

REQUEST FOR OFFICIAL FILING RECEIPT

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

February 23, 2005

Sir:

We enclose herewith copies of the Transmittal Letter and Application Data Sheet of the above-identified application, filed on August 24, 2004, as evidenced by the accompanying postcard receipt. We ask that the Official Filing Receipt be recorded and returned to us in due course.

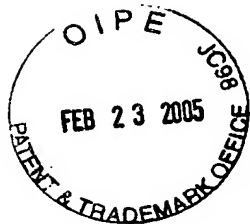
Respectfully submitted,

YOUNG & THOMPSON

Benoit Castel

Benoit Castel, Reg. No. 35,041
745 South 23rd Street
Arlington, VA 22202
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(703) 979-4709

BC/t1



INT. APPLN. # PCT/JP03/05157

Docket No. **8017-1141**

ATTACHMENT IS A NEW NATIONAL PHASE APPLICATION OF

INVENTOR(S): Hiroshi KANETA and Chika KANBE

TITLE: SECONDARY BATTERY HAVING THIRD TERMINAL IN ADDITION TO POSITIVE AND NEGATIVE ELECTRODE TERMINALS AND STORAGE BATTERY USING THE SAME

FILING DATE: August 24, 2004

CONSISTING OF:

- ☒ Transmittal Letter (PTO-1390)
- ☒ Published Application (Non-English)
- ☐ PCT/IB/308
- ☒ 8 Sheets Of Drawings
- ☒ Application Data Sheet
- ☒ Executed declaration (1)
- ☐ Paper Sequence Listing
- ☐ Not. of Sub. of Sequence Listing
- ☒ International Preliminary Examination Report (PCT/IPEA/409)
- ☒ Amended sheets w/IPEA
- ☒ Info. Disclosure Statement w/1449
- ☐ Cited References

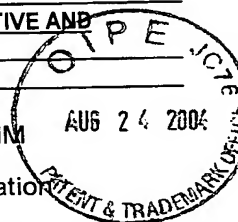
- ☐ SMALL ENTITY CLAIM
- ☒ English Translation
- ☒ Coversheet of Publication
- ☒ Abstract
- ☒ Preliminary Amendment
- ☒ Exec. Assignment w/PTO-1595
- ☐ Computer readable Seq. List. (diskette)
- ☐ Article 19 Amendments
- ☒ International Search Report
- ☒ Check # 30090 for **\$960.00**

Other: _____

USPTO - PLEASE STAMP RECEIPT DATE AND APPLICATION NUMBER

Actual due date: **10/24/2004**

BC/yr



COPY

TRANSMITTAL LETTER, THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		Attor ocket No. 8017-141 U.S. Application No.
INTERNATIONAL APPLN. NO. PCT/JP03/05157	INTERNATIONAL FILING DATE April 23, 2003	PRIORITY DATE CLAIMED April 24, 2002
TITLE OF INVENTION: SECONDARY BATTERY HAVING THIRD TERMINAL IN ADDITION TO POSITIVE AND NEGATIVE ELECTRODE TERMINALS AND STORAGE BATTERY USING THE SAME		
APPLICANT(S) FOR DO/EO/US: Hiroshi KANETA and Chika KANBE		
Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. See attached PCT/IB/308. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) or a Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) w/PTO-1449 - <input type="checkbox"/> Copy of IDS citations. 12. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)). 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)). 20. <input checked="" type="checkbox"/> Other items or information: <u>Abstract, International Search Report, PCT/IPEA/409 (International Preliminary Examination Report)</u> 		

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U.S. APPLICATION NO.	INTERNATIONAL APPLN. NO. PCT/JP03/05157	ATTORNEY DOCKET NO. 8017-1141
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21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1)-(5)): Neither international preliminary examination fee nor international search fee paid to USPTO and international Search Report not prepared by the EPO or JPO\$1080.00 International preliminary examination fee not paid to USPTO but International Search Report prepared by the EPO or JPO\$920.00 International preliminary examination fee not paid to USPTO but International search fee paid to USPTO\$770.00 International preliminary examination fee paid to USPTO but all claims did not satisfy provision of PCT Article 33 (1)-(4).....\$730.00 International preliminary examination fee paid to USPTO and all claims satisfied provision of PCT Article 33 (1)-(4).....\$100.00 <div style="text-align: center;">ENTER APPROPRIATE BASIC FEE AMOUNT</div>	CALCULATIONS PTO USE ONLY																									
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e))	\$																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;">\$</th> </tr> <tr> <td>Total Claims</td> <td>14 - 20 =</td> <td></td> <td>x \$18.00</td> <td>\$</td> </tr> <tr> <td>Independent Claims</td> <td>1 - 3 =</td> <td></td> <td>x \$86.00</td> <td>\$</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$290.00</td> <td>\$</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL OF ABOVE CALCULATION =</td> <td>\$</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total Claims	14 - 20 =		x \$18.00	\$	Independent Claims	1 - 3 =		x \$86.00	\$	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$	TOTAL OF ABOVE CALCULATION =				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																						
Total Claims	14 - 20 =		x \$18.00	\$																						
Independent Claims	1 - 3 =		x \$86.00	\$																						
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$																						
TOTAL OF ABOVE CALCULATION =				\$																						
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.	\$																									
SUBTOTAL =	\$ 920.00																									
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).	\$																									
TOTAL NATIONAL FEE =	\$ 920.00																									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property +	\$ 40.00																									
TOTAL FEES ENCLOSED =	\$ 960.00																									
	Amount to be refunded: \$ Charged: \$																									

☒ A check in the amount of **\$960.00** to cover the above fees is attached.

☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17.

SEND ALL CORRESPONDENCE TO: YOUNG & THOMPSON 745 South 23 rd Street Arlington, VA 22202 Telephone (703) 521-2297 Y&T Customer No. 00466 BC/yr	_____ SIGNATURE Benoit Castel, Reg. No. 35,041 _____ NAME, REGISTRATION NUMBER August 24, 2004 _____ DATE
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Application Data Sheet

Application Information

Application Type:: Regular
Subject Matter:: Utility
Suggested Classification:: H01M 2/20
Suggested Group Art Unit::
CD-ROM or CD-R?: None
Number of CD disks::
Number of Copies of CDs::
Sequence Submission?: None
Computer Readable Form (CRF):: No
Number of copies of CRF:: 0
Title:: SECONDARY BATTERY HAVING THIRD
TERMINAL IN ADDITION TO
POSITIVE AND NEGATIVE ELECTRODE
TERMINALS AND STORAGE BATTERY
USING THE SAME
Attorney Docket Number:: 8017-1141
Request for Early Publication?: No
Request for Non-Publication?: No
Suggested Drawing Figure:: 1
Total Drawing Sheets:: 8
Small Entity?: No
Latin Name::
Variety Denomination Name::
Petition Included?: No
Petition Type::
Licensed US Gov't Agency::
Contract or Grant Numbers::
Secrecy Order in Parent Appl.?: No

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Applicant Information

Applicant Authority Type:: Inventor
Primary Citizenship Country:: JAPAN
Status:: Full Capacity
Given Name:: HIROSHI
Middle Name::
Family Name:: KANETA
Name Suffix::
City of Residence:: TOKYO
State or Province of
Residence::
Country of Residence:: JAPAN
Street of Mailing 7-1, SHIBA 5-CHOME
Address:: MINATO-KU
City of Mailing Address:: TOKYO
State or Province of Mailing Address::
Country of Mailing Address:: JAPAN
Postal or Zip Code of Mailing Address:: 108-8001

Applicant Authority Type:: Inventor
Primary Citizenship Country:: JAPAN
Status:: Full Capacity
Given Name:: CHIKA
Middle Name::
Family Name:: KANBE
Name Suffix::
City of Residence:: TOKYO
State or Province of
Residence::
Country of Residence:: JAPAN
Street of Mailing 7-1, SHIBA 5-CHOME
Address:: MINATO-KU
City of Mailing Address:: TOKYO

State or Province of Mailing Address::

Country of Mailing Address:: JAPAN

Postal or Zip Code of Mailing Address:: 108-8001

Correspondence Information

Correspondence Customer 000466

Number::

Representative Information

Representative Customer	000466
Number::	

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This application	National Stage of	PCT/JP03/05157	4/23/03

Foreign Priority Information

Country::	Application Number::	Filing Date::	Priority Claimed::
JAPAN	2002-122638	4/24/02	Yes

Assignment Information

Assignee Name:: NEC CORPORATION

Street of Mailing 7-1, SHIBA 5-CHOME

Address:: MINATO-KU

City of Mailing Address:: TOKYO

State or Province of Mailing Address::

Country of Mailing Address:: JAPAN

Postal or Zip Code of Mailing Address:: 108-8001